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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/692,564	10/24/2003	Jim B. Surjaatmadja	HES 2002-IP-008025U1	HES 2002-IP-008025U1 9140	
26232	7590 06/22/2006	EXAMINER		INER	
FISH & RICHARDSON P.C.			STEPHENSON, DANIEL P		
P.O. BOX 1022					
MINNEAPOLIS, MN 55440-1022			ART UNIT	PAPER NUMBER	
	,		3672		

DATE MAILED: 06/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)		
		10/692,564	SURJAATMADJA ET AL.		
	Office Action Summary	Examiner	Art Unit		
		Daniel P. Stephenson	3672		
	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply				
WHIC - Exter after - If NO - Failu Any r	CRTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DAISIONS of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. It period for reply is specified above, the maximum statutory period were to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be timused and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).		
Status					
1)⊠	Responsive to communication(s) filed on <u>06 M</u>	arch 2006.			
2a)⊠	This action is FINAL . 2b) This action is non-final.				
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
Dispositi	on of Claims				
5)⊠ 6)⊠ 7)□	Claim(s) <u>1-42</u> is/are pending in the application. 4a) Of the above claim(s) <u>5-20 and 24-39</u> is/are Claim(s) <u>21-23</u> is/are allowed. Claim(s) <u>1-4 and 40-42</u> is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/or	e withdrawn from consideration.			
Applicati	on Papers				
9)	The specification is objected to by the Examine	r.	ı		
10)🖂	The drawing(s) filed on 24 October 2003 is/are:	a)⊠ accepted or b)⊡ objected	to by the Examiner.		
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).					
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.					
Priority u	ınder 35 U.S.C. § 119				
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.					
2) Notice 3) Information	t(s) te of References Cited (PTO-892) te of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) tr No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail D: 5) Notice of Informal F 6) Other:			

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DETAILED ACTION

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1-4 and 40-42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kolpack et al. in view of Cobb. Kolpack et al. (Fig. 1 and 2) discloses a downhole fluid separator. It has a housing (50) adapted for connection to a tool string; a cylinder (58) rotatably disposed in the housing and defining a flow passage (85) therein; and a motor (32) disposed in the housing for rotating the cylinder. The fluid flowing through the housing enters the flow passage and is subjected to centrifugal force such that the fluid is separated into different components having different specific gravities. There is a flow conditioner, or impeller, (56a) for facilitating the separation of the fluid. The impeller is adjacent to an inlet of the cylinder for pumping fluid into the flow passage. In addition, the impeller is attached to the cylinder. As the cylinder is rotated it will impart centrifugal force to whatever fluid is flowing through it. Kolpack et al. does not disclose that the separator separates oil and water. Cobb (col. 1 lines 43-52) discloses that a separator that separates gas and liquid is capable of separating any two fluids with different specific gravities. It would have been obvious to one of ordinary skill in the art at the time the invention was made to separate oil and water as taught by Cobb with the apparatus of Kolpack et al. This would be done because it is useful to produce oil while retaining water within the well.

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Allowable Subject Matter

3. Claims 21-23 allowed.

Response to Arguments

4. Applicant's arguments with respect to claims 1-4 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel P. Stephenson whose telephone number is (571) 272-7035. The examiner can normally be reached on 8:30 - 5:00 M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David J. Bagnell can be reached on (571) 272-6999. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

David Bagnell

Supervisory Patent Examiner

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DPS